

r.grea AKP 2

Aluminium Complex EP Grease – NLGI-Grade 2

Description

r.grea AKP 2 is a high temperature EP-grease based on high quality mineral oil.

Application and Properties

r.grea AKP 2 suits for lubrication of roller and friction bearings under extreme pressure load at high temperatures.

r.grea AKP 2 offers good pumpability in central lubricating systems and good seal up properties against water.

Advantages:

- good pumpability in central lubricating systems
- high thermal resistance
- extremely resistant to oxidation
- water resistant
- high stability
- corrosion resistant
- high pressure load capacity
- good adhesiveness

Technical data

Thickener		Al-Complex-Soap
Operating temperature for long-term lubrication		-20 to +150°C
Short time admissible temperature peak value		+200°C
Permanent temperatures above 150°C require re-greasing at shorter intervals subject to thermal load		
Drop point	ASTM D 2265	> 250°C
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Type of base oil		Mineral oil
Base oil viscosity at 40°C	ASTM D 445	240 mm²/s
Water resistance	DIN 51 807 T1	0 – 90
SKF Emdor Test	IP 220/85	Corrosion degree 0/0
Copper Strip Test	ASTM D 4048	Corrosion degree 1 - 120
FAG-FE8 - Test, 536050TVP angular ball bearing	DIN 51 819-02-B-7,5/80-120	m _w = 3 mg
SKF-R2F - Test	DIN E 51806-02-SKF-R2F-140	passed
Designation	DIN 51 502	KP 2 P-20

Subject to modification of the technical data. Please refer to the material safety data sheet for additional information or contact our application engineers.

Edition

10/06